Peak District National Park

Forecast valid from 00:00 on Sunday 01 May 2022 until 23:59 on Monday 02 May 2022

Forecast Issued on Saturday 30 Apr 2022 at 13:51

Confidence: High confidence for the general weather situation in the coming days and for poor conditions through much of Sunday. Moderate confidence in rain risk and timings, along with low cloud amounts from Monday onwards.

Headline for Sunday 01 May 2022: Dull and chilly with extensive hill fog, light rain.

Mountain weather hazards on Sunday 01 May 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Heavy Rain	Light rain	Light rain	Dull	Cloudy
Precipitation probability							
70%	>95%	>95%	90%	90%	60%	20%	20%

Forecast for Sunday 01 May 2022

Weather: A dull, overcast morning with extensive hill fog and rather persistent rain or drizzle; some heavier bursts at times. Probably turning drier during the afternoon and evening, but widespread low cloud and hill fog will persist with patchy drizzle. Generally light winds but feeling chilly.

Chance of cloud-free hill tops above 600m: 10% increasing 40% from mid-late afternoon.

Low cloud and visibility: Extensive cloud at 400m, with patches to 300m, especially during the morning and early afternoon. Many summits will remain obscured for a large part of the day. Outside of the cloud, visibilities will be moderate to good, but falling to poor with rain or drizzle.

Forecast for Sunday 01 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/17 SW	12/16 SW	11/16 SW	10/14 SW	7/11 SW	5/8 SW	4/7 S	3/4 S	3/5 W
300	8/12 SW	7/12 SW	7/12 SW	8/12 SW	7/11 SW	5/9 SW	4/7 S	3/4 S	2/3 SW
Valley	5/12 SW	5/11 SW	5/11 S	6/12 SW	6/11 SW	4/8 SW	3/6 S	2/4 SE	2/4 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/1	4/0	5/1	6/2	7/5	7/6	7/6	6/5	6/5
300	7/5	6/4	7/4	8/5	9/7	10/8	10/9	9/8	8/7
Valley	8/6	7/6	7/5	8/6	10/9	10/10	10/10	9/9	8/8
Freezing Level*	1900m	1800m	1800m	1700m	1700m	1800m	1800m	1800m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult conditions on Sunday with extensive hill fog at height for much of the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 30 Apr 2022	0mm	0mm	0mm

Forecast for Monday 02 May 2022

Weather: Cloudy overnight and during the morning with patchy light rain or drizzle. Cloud lifting and breaking through the day with isolated heavy, but also slow moving showers developing; these easing into the evening. Mainly light winds.

Maximum wind: Northerly 10-15mph.

Chance of cloud-free hill tops above 600m: 40%, increasing 90% by the afternoon.

Low cloud and visibility: Extensive cloud at 500m, with patches to 400m during the morning. Cloud generally lifting above summits by the afternoon, but patchy cloud associated with showers could temporarily cover the highest peaks. Outside of the cloud, visibilities will be good or very good, but falling to moderate or poor in showers.

Temperature: **Valleys:** Plus 8 Celsius becoming Plus 16 Celsius
At 600m: Plus 5 Celsius becoming Plus 11 Celsius
Freezing level: Above the summits.